RAW SEQUENCE LISTING	DATE: 07/16/2004
PATENT APPLICATION: **US/09/763,011D**	TIME: 08:57:33

Input Set : **A:\Jab1415.app**
Output Set: **N:\CRF4\07162004\I763011D.raw**

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 3 <110> APPLICANT: CONTRERAS, ROLAND
 4        NELISSEN, BART
 5        DEBACKER, MARIANNE
 6        LUYTEN, WALTER
 7        VIAENE, JASMINE
 8        LOGGHE, MARC GEORGE
10 <120> TITLE OF INVENTION: DRUG TARGETS IN CANDIDA ALBICANS
12 <130> FILE REFERENCE: JAB-1415
14 <140> CURRENT APPLICATION NUMBER: 09/763,011D
15 <141> CURRENT FILING DATE: 2001-02-14
17 <150> PRIOR APPLICATION NUMBER: PCT/EP99/05991
18 <151> PRIOR FILING DATE: 1999-08-16
20 <150> PRIOR APPLICATION NUMBER: EP 98310694.9
21 <151> PRIOR FILING DATE: 1998-12-23
23 <150> PRIOR APPLICATION NUMBER: GB 9817796.7
24 <151> PRIOR FILING DATE: 1998-08-14
26 <160> NUMBER OF SEQ ID NOS: 132
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33 <213> ORGANISM: Candida albicans
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38 gataaaccat tgaaggaata tattggtatt agtattttgt gtttccttat tgcctttggt 180
39 ggtttcgttt ttggtttcga tactggtacc atttctggtt tcattaacat gactgacttt 240
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42 gtcggtgata tgtacggtag aagagttggt atcatgactg ctatgatcat ttatattgtt 420
43 ggtattattg ttcaaattgc ttctcaacat gcttggtatc aaatcatgat tggtagaatt 480
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62 aaatcagccg gttgggttcc accttctgac gaagaaatgg ttcgtgcaaa aggctatact 1620
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65 aaaatttaaa aaaaaacgca atatcattca tttttttgt tttttgaca ataatattaa 1800
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78 acaggttaca actattgatt ggttagaagt ttggtttcaa catcacctgt tgctaagaat 240
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83 caactgttac attgctggta ctacattaag aataaatgct gcatctacaa gtaccacctg 540
84 ttgtgttaat aaatgctgca cctgctagta caactgttgc tggtcatgat agttactaca 600
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102 attaccattg aagacacacc caaaacacta gaaccagaag aatcgtcaga tgctttgcag 540
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105 attgttccaa tttatactac acatatcgtc acttcggcga ttccatcgta tgtaccaaaa 720
106 gaagaagtaa tggtttcaca tgatactgca ccaattgtaa gtcgtcctag aacagatatt 780
107 ccagtatctc aacgaattga tactatctca aaacataaaa tgaatggaaa aaatatattg 840
108 aacaacaatc ctccgcccaa ttcagtttta atagttcctc agtttcagtt ccatgaaaga 900
109 atggccacca aaaccgaagt agcttatatg aaaccaaaaa ttgtctggac caactttcca 960
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123 <212> TYPE: PRT
124 <213> ORGANISM: Candida albicans
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133 Ile Ser Ile Leu Thr Asn His Phe Gln Ile Leu Lys Asp Leu Leu Pro
134         35                  40                  45
136 Tyr Ser Lys Thr Ser Lys Pro Gln Ile Lys Glu Ser Arg Pro Leu Ile
137     50                  55                  60
139 Lys Val Ser Arg Asp Gly Val Pro Ile Asn Phe His Arg Ala Pro Ala
140 65                  70                  75                  80
142 Ile Ile Met Lys Ser Asn Lys Thr Asp Asp Leu Val Arg Asn Ser Asn
143                 85                  90                  95
145 Lys Thr Met Val Leu Thr Glu Ile Lys Thr Ile Thr Glu Phe Ala Thr
146             100                 105                 110
148 Thr Thr Val Ser Pro Thr Gln Glu Phe Gln Ala Leu Gln Ile Asn Leu
149             115                 120                 125
151 Asn Thr Leu Ser Ile Glu Thr Ser Thr Pro Thr Phe Gln Ser His Asp
152     130                 135                 140
154 Phe Pro Pro Ile Thr Ile Glu Asp Thr Pro Lys Thr Leu Glu Pro Glu
155 145                 150                 155                 160
157 Glu Ser Ser Asp Ala Leu Gln Arg Asp Ala Phe Asp Gln Ile Lys Lys
158                 165                 170                 175
160 Leu Glu Lys Leu Val Leu Asp Leu Arg Leu Glu Met Lys Glu Gln Gln
161             180                 185                 190
163 Lys Ser Phe Asn Asp Gln Leu Val Asp Ile Tyr Thr Ala Arg Ser Ile
164             195                 200                 205
166 Val Pro Ile Tyr Thr Thr His Ile Val Thr Ser Ala Ile Pro Ser Tyr
167     210                 215                 220
169 Val Pro Lys Glu Glu Val Met Val Ser His Asp Thr Ala Pro Ile Val
170 225                 230                 235                 240
172 Ser Arg Pro Arg Thr Asp Ile Pro Val Ser Gln Arg Ile Asp Thr Ile
173             245                 250                 255
175 Ser Lys His Lys Met Asn Gly Lys Asn Ile Leu Asn Asn Asn Pro Pro
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190 Glu Leu Ser Asp Asp Tyr Tyr Tyr Tyr Tyr Ser Tyr Glu Asp Asp Gly
191             340             345             350
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194         355             360             365
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200 385             390             395                 400
202 Lys Lys Pro Thr Thr Thr Val Phe Gly Thr Ser Thr Ser Ala Leu Ser
203             405             410             415
205 Thr Phe Glu Ser Thr Ile Phe Glu Ile Pro Lys Phe Phe Tyr Gly Ser
206         420             425             430
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209         435             440             445
211 Phe Asp Val Phe Asp Trp Ile Phe Glu Ser Gly Thr Thr Asn Glu Lys
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223 <212> TYPE: DNA
224 <213> ORGANISM: Candida albicans
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229 cgagaagatc atgaaaaatt taaagagatc aatatagcat atgaaacaat tagagattat 180
230 tatcaagaga atgggcaaaa gaacagtcaa ccgatcccta acacaaacac agagcataat 240
231 tcccatcaaa aaccacatta taacactggc ccttattcca catatcgttt tacgacctca 300
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233 aatttccacc aaaaagcgca agagaataac cgcaaacaag atgaagaaag ggcagcccaa 420
234 cgtgaacgat taaaaaagga gctcttccag aggcaacaag cggaagaagc acaacgaaag 480
235 aaggaatttg aacaaaaggc cgaattcatc aaagcatcat acttgaaat gcgccgaaga 540
236 gaaatagaga ggcggaaaca gcaaaaggaa agggaacaaa gacaaaagga gcacgaagca 600
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238 gaagaagagg aagtgttcaa gaaggcccgg tctactaatt cgggagcaga cgagactggt 720
239 ttgatgtcag ataaagagtt tgatgattct gcatattcac ccgattattt gtttgaagag 780
240 aatttgtgga ataaaccaaa tcatccagat acaaatcata aaaccaaaaa atatactgag 840
241 aatgtggttg aaaatctaga ttctccacca aatgatacat ctgcgtacaa ttcaagtttt 900
242 catgatgaaa ctaatattca aaatgagatc caaataccag aaaatgacga gtatgtacca 960
243 cagatgaaag ctacatccag tgtcaataat accaccatcc ctgcacaaag aagacatgag 1020
244 tcactttcca cttctgaaaa caaaagaagg aaatttgaaa cagccgacgt tggggttgat 1080
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RAW SEQUENCE LISTING   DATE: 07/16/2004
PATENT APPLICATION: US/09/763,011D   TIME: 08:57:33

Input Set : A:\Jab1415.app
Output Set: N:\CRF4\07162004\I763011D.raw

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247 caggacaata gtacatatat tcctcagggg tctttaggac acgaatttag aaatattttg 1260
248 gaagagcatc cacgtcaagt aaagaataaa caaaattctg gtgttgcttt tgcatttccg 1320
249 aatgcttcca agaataccga aaacaaactc cactctaatt tcaaagataa agatgaagga 1380
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251 gcaacaggac aaacatcagc aaggtcggaa aaactgccac ccttacctac tcatattcca 1500
252 aatccatcga ccatgaatga agctcgacct catccaacaa ctccacataa aagatcaaaa 1560
253 gtcattttcg atttaaaaga tttagaacaa aagttaggta atgatattga ggatttggat 1620
254 tttaaggata tgtatgagag tttgcctgac cattcaagta aggcaacacc taaagacgat 1680
255 attttaaccc gttctaaaag aagactttat acatataccg atggaacatc aaaggctgaa 1740
256 acgttatcta caccaatgaa caaaaatcct gttcgtggac atagtaccaa gaaaaagctt 1800
257 agtatgttgg acatgcatgc gtcttctaaa attcaaagtc ttttacctcc acaaccgcca 1860
258 caaatgtcaa ttgatccttc tgtttccaag caagtgtggg ctaaatacgt tgatgcaatc 1920
259 ttgacttatc aaagagaatt tttcaattat aaaaaagtga ttgttcaata ccaaatggaa 1980
260 cggataaaca aagaccttga acattttgac gatataaatg atggttcaca cactgagaat 2040
261 ttggatactt tcaagcattg tttagaacaa gattattttgg ttatgagtga gtttaatgaa 2100
262 gcgttacgac aatttggtac gaccattgcc acgtatcagc aaaacctcca gtgggttaac 2160
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268 <212> TYPE: PRT
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275 Ser Thr Leu Asp Glu Ile Arg Arg Ala Tyr Arg Lys Leu Ser Leu Arg
276              20                  25                  30
278 Tyr His Pro Asp Lys Thr Pro Arg Arg Glu Asp His Glu Lys Phe Lys
279          35                  40                  45
281 Glu Ile Asn Ile Ala Tyr Glu Thr Ile Arg Asp Tyr Tyr Gln Glu Asn
282      50                  55                  60
284 Gly Gln Lys Asn Ser Gln Pro Ile Pro Asn Thr Asn Thr Glu His Asn
285 65                  70                  75                  80
287 Ser His Gln Lys Pro His Tyr Asn Thr Gly Pro Tyr Ser Thr Tyr Arg
288              85                  90                  95
290 Phe Thr Thr Ser Ser Thr Thr Thr Asp Asn Thr Asn His Thr Gly His
291              100                 105                 110
293 Ser Ser Ser Arg Phe Thr Tyr Tyr Asn Phe His Gln Lys Ala Gln Glu
294          115                 120                 125
296 Asn Asn Arg Lys Gln Asp Glu Glu Arg Ala Ala Gln Arg Glu Arg Leu
297      130                 135                 140
299 Lys Lys Glu Leu Phe Gln Arg Gln Ala Glu Glu Ala Gln Arg Lys
300 145              150                 155                 160
302 Lys Glu Phe Glu Gln Lys Ala Glu Phe Ile Lys Ala Ser Leu Leu Glu
303              165                 170                 175
305 Met Arg Arg Arg Glu Ile Glu Arg Arg Lys Gln Gln Lys Glu Arg Glu
306              180                 185                 190
308 Gln Arg Gln Lys Glu His Glu Ala Lys Arg Asp Ile Arg Ile Gln Gln
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 07/16/2004
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Output Set: N:\CRF4\07162004\I763011D.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; Xaa Pos. 58,185
Seq#:57; N Pos. 6728
Seq#:58; Xaa Pos. 2243
Seq#:114; Xaa Pos. 424,465

VERIFICATION SUMMARY   DATE: 07/16/2004
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M:341 Repeated in SeqNo=13
L:2919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:6720
L:3369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:2240
L:6750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114 after pos.:416
M:341 Repeated in SeqNo=114
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